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IN THE CLAIMS:

Please amend claims 1, 7, 10, 17-19 and 25 as follows:

(Currently Amended) A method of restoring dimensions to an article, the method 1. comprising the steps of:

providing an article having a section requiring dimensional restoration; providing a rigid sintered preform having first and second layers made from different materials; and

joining the preform to the article.

- (Original) The method of claim 1, wherein the first layer of the preform includes 2. a nickel-based alloy.
- (Original) The method of claim 2, wherein the second layer of the preform 3. includes a nickel-based alloy and a second alloy.
- (Original) The method of claim 3, wherein said second alloy is a transient liquid 4. phase alloy.
- (Original) The method of claim 1, wherein the first layer of the preform is 5. between about 0.005 inch and about 0.015 inch in thickness.
- (Original) The method of claim 5, wherein the second layer of the preform is 6. between about 0.020 inch and about 0.030 inch in thickness.
- (Currently Amended) The method of claim 1 elaim-3, wherein the joining step 7. includes subjecting the article and preform to heat, wherein the preform melts to conform to the shape of the article.
- (Original) The method of claim 1, wherein the article is an airfoil. 8.

- 9. (Original) The method of claim 8, wherein the airfoil is a turbine vane.
- 10. (Currently Amended) A method of refurbishing an article to restore a desired flow area, the method comprising the steps of:

providing an article having a section requiring dimensional restoration;

providing a <u>rigid sintered</u> preform having first and second layers made from different materials;

placing the preform adjacent the section of the article requiring dimensional restoration; and

subjecting the article and preform to heat.

- 11. (Original) The method of claim 10, wherein the article and preform are subjected to heat of between about 2125 degrees Fahrenheit and about 2155 degrees Fahrenheit for 15 minutes or less.
- 12. (Original) The method of claim 11, wherein the article and preform are thereafter subjected to heat of between about 2125 degrees Fahrenheit and about 2155 degrees Fahrenheit for 6 ½ hours or less.
- 13. (Original) The method of claim 12, wherein the article and preform are thereafter subjected to heat of between about 1900 degrees Fahrenheit and about 1950 degrees Fahrenheit for about 2 hours.
- 14. (Original) The method of claim 10, wherein the first layer of the preform includes a nickel-based alloy.
- 15. (Original) The method of claim 14, wherein the second layer of the preform includes a nickel-based alloy and a second alloy.
- 16. (Original) The method of claim 15, wherein said second alloy is a transient liquid phase alloy.

17. (Currently Amended) A method of restoring dimensions of an airfoil, the method comprising the steps of:

providing an airfoil having a section requiring dimensional restoration;

providing a <u>rigid sintered</u> preform having first and second layers made from different materials;

preparing the airfoil for attachment of the preform thereto;
placing the preform adjacent a convex side of the airfoil; and
subjecting the airfoil and preform to heat so as to cause the preform to soften and
conform to the airfoil.

- 18. (Currently Amended) The method of claim 17, wherein the preparing step includes the step of removing any protective coatings on the turbine vane.
- 19. (Currently Amended) The method of claim 18, wherein the preparing step further includes the step of cleaning the turbine vane.

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- 20. (Original) The method of claim 17, wherein the step of subjecting the airfoil and preform to heat includes the step of heating the airfoil and preform in a furnace or heat chamber.
- 21. (Original) The method of claim 20, wherein the airfoil is placed in the furnace or heat chamber with a convex side of the airfoil facing upwards.
- 22. (Original) The method of claim 17, wherein the first layer of the perform includes a nickel-based alloy.
- 23. (Original) The method of claim 22, wherein the second layer of the perform includes a nickel-based alloy and a second alloy.

- 24. (Original) The method of claim 23, wherein said second alloy is a transient liquid phase alloy.
- 25. (Currently Amended) A method of restoring dimensions to an article, the method comprising the steps of:

providing an article made of a material;

providing a <u>rigid sintered</u> preform having a first layer of a material similar to said article and a second layer different than said first layer; and joining the preform to the article.

- 26. (Original) The method of claim 25, wherein said first layer material is the same as said article.
- 27. (Original) The method of claim 26, wherein said first layer is a nickel-based alloy.
- 28. (Original) The method of claim 27, wherein the second layer of the perform is a nickel-based alloy and a second alloy.
- 29. (Original) The method of claim 28, wherein said second alloy is a transient liquid phase alloy.
- 30. (Withdrawn) A preform for restoring dimensions to an article, comprising: a first layer of a material similar to said article; and a second layer of a material different than said first layer; wherein said preform is joined to the article to restore said dimensions.
- 31. (Withdrawn) The preform of claim 30, wherein said first layer material is the same as said article.

- 32. (Withdrawn) The preform of claim 31, wherein said first layer is a nickel-based alloy.
- 33. (Withdrawn) The preform of claim 32, wherein the second layer of the perform is a nickel-based alloy and a second alloy.
- 34. (Withdrawn) The preform of claim 33, wherein said second alloy is a transient liquid phase alloy.